TITLE
Method for producing or treating alginate-based structures by trifluoroacetic acid and its derivatives

INVENTORS
Hadi Hajiali, Ilker S. Bayer, Elisa Mele, José A. Heredia-Guerrero, Athanassia Athanassiou

DESCRIPTION
This invention describes a method to produce alginate-based micro- and nanostructures, conferring them controlled stability over time in aqueous media and adjustable biodegradability. To this end, trifluoroacetic acid (TFA) and its derivatives are used.

APPLICATIONS
Nanostructures, Tissue engineering, Wound dressing, Drug delivery systems, Food industry.

KEYWORDS
Alginate micro- and nanostructures; Trifluoroacetic acid; Tung oil; Emulsions; Tunable biodegradability.

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Applicants Fondazione Istituto Italiano di Tecnologia

CONTACTS
Technology Transfer Office Augusta Galano augusta.galano@iit.it
+39 010 71781 568